Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of the claims in the application:

Listing of Claims:

1. (Currently Amended) A system for a chemically bonded material, comprising

~~an~~ a first portion of aqueous hydration liquid;

a powdered material comprising a first binder phase (c), ~~which~~ said powdered material having ~~has~~ the capacity following saturation with said first portion of aqueous hydration liquid ~~the liquid~~ reacting with said first binder phase to hydrate to a chemically bonded ceramic material;

a second, non-ceramic binder phase having a different initiation time for setting and / or a different setting rate than the initiation time for hydration and the hydration rate, respectively, of said first binder phase,

~~characterized in that the system further comprises~~

a reactive glass; and

a second portion of aqueous hydration liquid ~~(w_{GIC})~~,

wherein said second, non-ceramic binder phase comprises a polycarboxylic acid or a copolymer or a salt or an ester thereof having a molecular weight of 100 to 250,000;

wherein

~~$w = w_e + w_{gle}$~~

~~$(w_e/c) + (\text{second binder phase})/(\text{reactive glass}) + w_{gle}/(\text{reactive glass})$~~

~~with~~ the weight ratio of said first portion of aqueous hydration liquid to said first binder phase is greater than 0.2 and less than 0.45,

the weight ratio of said second binder phase to said reactive glass is greater than 0 and less than 0.21, and

the weight ratio of said second portion of aqueous hydration liquid to said reactive glass is greater than 0.2 and less than 0.45; ~~$0.2 < w_e/c < 0.45$, $0 < (\text{second binder phase})/(\text{reactive glass}) < 0.21$ and $0.2 < w_{gle}/(\text{reactive glass}) < 0.45$,~~

and wherein ~~in that~~ the system provides for an ionic interaction between the hydration reactions and setting reactions of the first binder phase (c) and the second binder phase, respectively.

2. (Currently Amended) A system according to claim 1, wherein the system is ~~characterized in that it is~~ adapted to enable an initial pH to be kept < 7~~, more preferably < 4 and most preferably 1-3~~ to control properties related to different initiation time for setting and hardening of the part systems.

3. (Currently Amended) A system according to claim 1, wherein the system has ~~characterized in that the second binder phase comprises a polycarboxylic acid and / or a copolymer or a salt or an ester thereof providing~~ a pH value ~~in the system~~ of < 7, ~~preferably < 4~~ for the first 20 minutes after mixing~~,~~ ~~preferably, a pH in the interval 1-4 for the first 10 minutes, and most preferably for the first 5 minutes~~.

4. (Currently Amended) A system according to claim 1 ~~claim1~~, wherein ~~characterized in that~~ a base is comprised in the system, so as to achieve a change of the pH to a pH > 7, ~~more preferably a pH > 10,~~ after an initial period of time after mixing of the system of a few minutes up to approximately 5 minutes at pH < 7.

5. (Currently Amended) A system according to claim 1, wherein ~~characterized in that~~ an additional acid is comprised in the

system, so as to keep the pH < 7 during a prolonged time of up to 30 minutes~~, preferably up to 20 minutes~~.

6. (Currently Amended) A system according to claim 4, wherein ~~characterized in that~~ the system comprises a porous material, ~~preferably a nano/meso-pore structure or a zeolite type structure,~~ that is able to release said base.

7. (Currently Amended) A system according to claim 1, wherein ~~characterized in that~~ particles of said first binder phase are coated with a dissolution-reducing layer~~, preferably comprising a glyconate~~.

8. (Currently Amended) A system according to claim 1, wherein ~~characterized in that~~ said system ~~it~~ comprises inert filler particles composed of pre-hydrated chemically bonded ceramics~~, preferably of the same composition as said first binder phase~~.

9. (Currently Amended) A system according to claim 1, wherein ~~characterized in that it~~ said system comprises semihydrate of $CaSO_4$ and / or a combination of phosphoric acid and zinc oxide-forming Zn-phosphate.

10. (Currently Amended) A system according to claim 1, wherein ~~characterized in that~~ the system yields an initial strength above 5 MPa measured by diametral tensile strength after 15 minutes.

11-26 Cancelled

27. (Currently Amended) A chemically bonded material formed from the system of claim 1, the first binder phase of which essentially consists of an inorganic cement phase and which material is *in situ* formed on a substrate or in a cavity, wherein ~~characterized in that~~ said material also comprises a reactive, soluble glass, an *in situ* formed phase of polyacrylate polymer or co-polymer.

28. (Currently Amended) A system according to claim 5, wherein ~~characterized in that~~ the system comprises a porous material~~,~~ ~~preferably a nano/meso-pore structure or a zeolite-type structure, that is able to release said acid~~.

29. (New) A system according to claim 2 wherein the system is adapted to enable an initial pH to be kept < 4.

30. (New) A system according to claim 3 wherein the system has a pH value of less than 4 for the first 20 minutes after mixing.

31. (New) A system according to claim 4 wherein a base is comprised in the system so as to achieve a change of the pH to a pH > 10 after an initial period of time after mixing of the system of a few minutes up to approximately 5 minutes at pH < 7.

32. (New) A system of claim 6, wherein the system comprises a porous material having a nano/meso-pore structure.

33. (New) A system of claim 6, wherein the system comprises a porous material having a zeolite type structure.

34. (New) A system of claim 7 wherein said dissolution-reducing layer comprises a glyconate.

35. (New) A system of claim 8 wherein said pre-hydrated chemically bonded ceramics have the same composition as said first binder phase.

36. (New) A system according to claim 28, wherein said system comprises a porous material having a nano/meso-pore structure.

37. (New) A system according to claim 28, wherein said system comprises a porous material having a zeolite type structure.